



2027 U.S.PTO

033004

WILLIAMS, MORGAN & AMERSON, P.C.

10333 RICHMOND, STE. 1100, HOUSTON, TEXAS 77042

(713) 934-7000 FAX: (713) 934-7011

Danny L. Williams
Terry D. Morgan
J. Mike Amerson
Kenneth D. Goodman
Jeffrey A. Pyle
Jaison C. John
Ruben S. Bains
Scott F. Diring[†]

Shelley P.M. Fussey, Ph.D.*
Mark D. Moore, Ph.D.*
Raymund F. Eich, Ph.D.*
Daren C. Davis*
Stephanie A. Wardwell, Ph.D.*
Mark W. Sincell, Ph.D.*

*Patent Agent

[†]Licensed in Wisconsin,
not licensed in Texas

Writer's Direct Dial
(713) 934-4055

File: 2000.110900

March 30, 2004

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL RECEIPT
NUMBER: EV 336535822 US
DATE OF DEPOSIT: March 30, 2004
I hereby certify that this paper or fee is being deposited with the
United States Postal Service "EXPRESS MAIL POST OFFICE
TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date
indicated above and is addressed to: Mail Stop Patent
Application, Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450.

Signature

RE: *U.S. Patent Application Entitled: METAL LINE HAVING AN INCREASED RESISTANCE TO ELECTROMIGRATION ALONG AN INTERFACE OF A DIELECTRIC BARRIER LAYER BY IMPLANTING MATERIAL INTO THE METAL LINE – Hans-Juergen Engelmann, Ehrenfried Zschech and Peter Huebler (2000.110900/DE0220)*

Sir:

Transmitted herewith for filing are:

- (1) 25-page patent specification with 21 claims and an abstract (also Figures 1a-2b on 3 sheets);
- (2) Declaration;
- (3) Power of Attorney;
- (4) Assignment and Assignment Cover Sheet; and
- (5) Submission of Priority Document. Applicants hereby claim, through their attorney of record, priority benefits under Title 35, United States Code § 119 and/or § 365 of German Patent Application No. 103 39 990.9, filed August 29, 2003.

All correspondence, notices, official letters and other communications should be directed to J. Mike Amerson, Williams, Morgan & Amerson, P.C., 10333 Richmond, Suite 1100, Houston, TX 77042, and all telephone calls should be directed to J. Mike Amerson at (713) 934-4055.

22390 U.S.PTO
10/813223
033004

WILLIAMS, MORGAN & AMERSON, P.C.

Commissioner for Patents
March 30, 2004
Page 2

The Director is authorized to deduct the amount of the total filing fee (listed below) from Advanced Micro Devices, Inc. Deposit Account No. 01-0365/DE0220.

FILING FEE CALCULATION

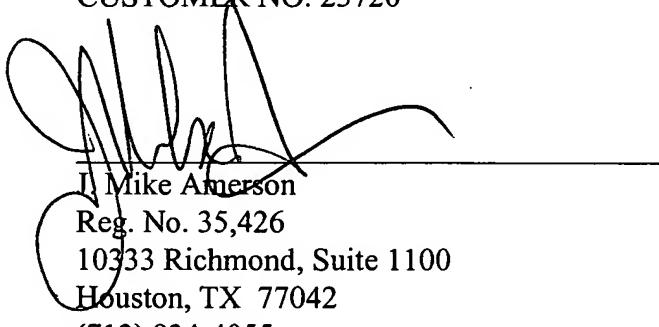
FOR		Small Entity	Large Entity
Total Claims	21 - 20 = 1	x \$9 = \$	or x \$18 = \$ 18.00
Independent Claims	2 - 3 = 0	x \$43 = \$	or x \$86 = \$ 0.00
Multiple Dependent Claim(s)		+ \$145 = \$	or + \$290 = \$ 0.00
Basic Fee:		+ \$385 = \$	or + \$770 = \$ 770.00
Assignment Recording Fee:	(\$40 per assignee)	+ = \$	+ = \$ 40.00
TOTAL FILING FEES		\$ <u>0.00</u>	\$ <u>828.00</u>

Pursuant to 37 C.F.R. § 1.10 the Applicants request that the Patent and Trademark Office accept this application, enter a priority date of August 29, 2003, based on the German Patent Application No. 103 39 990.9 and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail.

Please date stamp and return the enclosed postcards to evidence receipt of these materials.

Respectfully submitted,

WILLIAMS, MORGAN & AMERSON, P.C.
CUSTOMER NO. 23720



J. Mike Amerson
Reg. No. 35,426
10333 Richmond, Suite 1100
Houston, TX 77042
(713) 934-4055
(713) 934-7011 (facsimile)

ATTORNEY FOR APPLICANTS

JMA/mp
Enclosures
cc: Ms. Samantha Cardona (w/enc.)